



AF1742  
IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Liang, Xuecheng  
Appl. No. : 10/074,068  
Filed : February 12, 2002  
Title : A WEAR RESISTANT ALLOY CONTAINING  
RESIDUAL AUSTENITE FOR VALVE SEAT INSERT

Grp./A.U. : 1742  
Examiner : Deborah Yee

Docket No. : 1655-P3002-001

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

July 20, 2004  
Date

William J. Schramm  
Name

*William J. Schramm*  
Signature

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant hereby submits information which he believes may be material to the examination of this application and in respect to which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

While this Information Disclosure Statement may be "material" pursuant to the above, it is not intended to constitute an admission that any disclosure or information referred to herein is "prior art" for this invention unless specifically designated as such.

**DETAIL DISCLOSURE**

The search report from the French Patent Office included a search that was performed in the European Patent Office. All of the Japanese documents have

07/23/2004 RMEKRAHT 00000019 10074068  
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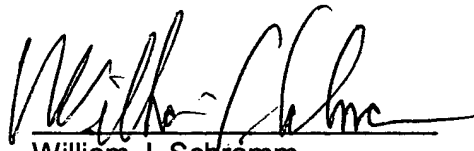
English abstracts only except where an English equivalent has been included such as European Patent Application 0430241 and 0665068. It is to be noted that the U.S. equivalent to European Patent Application 0559899 namely U.S. 5,316,596 was cited by the U.S. Patent Examiner.

While the Search Report is dated June 2, 2004 it was not received and reviewed by the undersigned, the principal attorney responsible for prosecuting this application, until July 19<sup>th</sup>. The Search Report was forwarded from our associate handling the French Patent Application and it was received in the Undersigned's office on July 13, 2004.

The fee for the disclosure statement is enclosed. The Commissioner is hereby authorized to charge any additional fees associated with this filing to Deposit Account No. 50-0852.

Respectfully submitted,

REISING, ETHINGTON, BARNES,  
KISSELLE, P.C.

A handwritten signature in black ink, appearing to read 'William J. Schramm', written over a horizontal line.

William J. Schramm  
Registration No. 24,795  
P.O. Box 4390  
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(248) 689-3500

Date: July 20, 2004

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number	10/074,068
Filing Date	2/12/02
First Named Inventor	Xuecheng Lian
Art Unit	1742
Examiner Name	Deborah Yee
Attorney Docket Number	1655.3002.001

Sheet	1	of	4
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		Abstract JP06256889	09-13-1994	Kimura Hiroyuki	Abstract	
		JP 06256889	09-13-1994	Kimura Hiroyuki	Abstract	
		Abstract JP10068041	03-10-1998	Tsujimoto Yutak	Abstract	
		JP 1068041	03-10-1998	Tsukimoto Yutak	Abstract	
		EP 0 430 241 A1	06-05-1991	Hitachi Metals	Abstract	
		EP 0 665 068 A1	08-02-1995	Hitachi Metals	Abstract	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	2	of	4
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Application Number	10/074,068
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First Named Inventor	Xuecheng Liang
Art Unit	1742
Examiner Name	Deborah Yee
Attorney Docket Number	1655.3002.001

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		EP 0 559 899 A1	09-15-1993	Kawasaki Steel	Abstract	
		Abst. JP2001040458	02-13-2001	Nippon Funmatsu	Abstract	
		JP 2001040458	02-13-2001	Nippon Funmatsu	Abstract	
		Abst. JP2000280009	10-10-2000	Kogi Corp.	Abstract	
		JP 2000280009	10-10-2000	Kogi Corp.	Abstract	
		Abst. JP 08209299	08-13-1996	Nippon Steel	Abstract	

Date  
Considered

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	4	of	4
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		JP03013542	01-22-1991	Kubota Corp.	Abstract	
		Abst. JP05179394	07-20-1993	Kubota Corp.	Abstract	
		JP05179394	07-20-1993	Kubota Corp.	Abstract	
		Abst. JP05179392	07-20-1993	Kubota Corp.	Abstract	
		JP05179392	07-20-1993	Kubota Corp.	Abstract	

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